Part 1 -Introduction and Overview

- A. Applicability: This Application for Customer Responsibility Surcharge Tariff Exemptions (Application) is for the purpose of requesting an exemption from various nonbypassable charges related to Customer Generating Facilities used to replace or supplement electric utility service. It may be used to request exemption from certain nonbypassable charges and requirements under the following Utility tariff schedule:
 - Departing Load Cost Responsibility Surcharge, Schedule XX-XXX
 - Departing Load Nonbypassable Charges, Schedule XX-XXX

Capitalized terms used in this Application, and not otherwise defined herein, shall have the same meanings as defined in Utility's Rules 1 and 21. This Application may be used for any Generating Facility operated by or for a Customer to supplement or serve the Customer's electric service requirements that would otherwise be served by the Utility. Such Generating Facilities are sometimes referred to as "customer" generation or "distributed" generation.

B. Guidelines and Steps for Processing: This Application must be completed and sent to the Utility to initiate the Utility's review and determination of tariff exemption eligibility for the proposed Generating Facility and for the California Energy Commission (CEC) to execute their responsibilities with regard to managing the statewide Megawatt (MW) Cap. The Utility will first make a provisional determination as to whether the Generating Facility qualifies for available exemptions. Final categorization and notice will be made only after the Utility and the CEC confirm that the installation qualifies for the exemption. **Note**: the information provided to the Utility will be shared with the CEC and California Public Utilities Commission (CPUC).

This Application supplements, and does <u>not</u> replace, the Utility's Application to Interconnect a Generating Facility. Separate interconnection applications are available and are required to be completed to request the interconnection of a Generating Facility. Other approvals may also need to be acquired and/or other agreements may need to be formed with the Utility and various governmental regulatory agencies, such as the Air Quality Management Districts and local governmental building and planning departments prior to operating a Generating Facility.

- C. Glossary: A glossary of commonly used terms found throughout this document is contained in Attachment I. Where applicable, the source is provided for a more complete definition of the term.
- **D. Mailing Instructions, Assistance:** When this Application has been completed it may be printed and mailed, along with the required attachments to:

Name Address Address

Questions concerning the completion of this form or the use of the information requested, may be directed to the Utility at XXX-XXXX or by e-mail at xxxxxxxx.com.

Part 1 –Introduction and Overview (Continued)

- **E. Approval and Categorization:** Within 10 business days of receipt of the Application, the Utility will notify you in writing of the following:
 - Provisional Categorization of the Generating Facility
 - Conditions that must be met before Final Categorization can be granted
 - A Description of the nonbypassable charges the Generating Facility will be exempt from paying

Should you disagree with the Utility's Provisional Categorization, you may contact the CEC to invoke the dispute resolution process.

Part 2 – Generation Facility	y Location and R	esponsible Parties
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Facility Name: Date Received: Utility Reference Number:

		(For Utility Use O	nly)		
۸.	Host Customer Facility Infor	mation (Where will	he Generating Facility be	e installed?)	
	Name shown on Utility electric	hill Electric S	Service Account No.	Motor N	Number
	NOTE: Please submit a	a copy of the host Custome			vumber
	Service Address shown on ele	ectric bill	City	State	Zip
3.	Host Customer Contact Info	rmation (Customer to	receive the tariff exemp	tion)	
	Contact Person		Compa	any Name	
	Phone	Fax		Email	
	Mailing Address	l l	City	State	Zip
•	Applicant Information (If no	ot the Host Customer)			
	Individual's Name	 	Title (Position)	
	Phone	Fax		Email	
	Mailing Address	-	City	State	Zip

Part 3 – Description of Generating Facility				
•	•			
Nameplate (kW) - Total Gross Nameplate Rating of all Generators	Net Output (kV Estimated Maximu Demand served by Facility, if other tha Nameplate	m Customer Generating Total Gross	Net Output (kwh)	
If all generators in this facility rating, and will be operated in and complete the "Generator N	the same manner, ir	ndicate the nur	odel, gross and net nameplate mber of units here	
Generator No. 1 (Use addition	nal sheets if necess	ary)		
A. Equipment Description				
Manufacture	er		Model	
Gross Nameplate Ra	ating (k\M)	Ne	et Nameplate Rating (kW)	
B. Operational Date	ating (KVV)	TVC	t valleplate rating (kw)	
b. Operational Date				
Actual (already in o	peration)		Estimated	
C. Prime Mover Type		D. Fuel Type		
3				
Select from list b	pelow.		Select from list below.	
Prime Mover Types 1. Internal combustion reciproca 2. Gas micro-turbine 3. Gas turbine 4. Photovoltaic (Solar) 5. Fuel Cell 6. Wind turbine 7. Hydro turbine 8. Other (please specify)	ting engine	Fuel Types 1. Natural Ga 2. Landfill Me 3. Digester M 4. Diesel 5. Other (plea 6. Not Applica	thane lethane ase specify)	

Part 3 – Description of Facility (continued)				
Generator No. 2 (Use additional sheets if necessary)				
A. Equipment Description				
Manufacturer	Model			
Gross Nameplate Rating (kW)	Net Nameplate Rating (kW)			
B. Operational Date				
Actual (already in operation)	Estimated			
C. Prime Mover Type	D. Fuel Type			
Select from list below.	Select from list below.			
Prime Mover Types 1. Internal combustion reciprocating engine 2. Gas micro-turbine 3. Gas turbine 4. Photovoltaic (Solar) 5. Fuel Cell 6. Wind turbine 7. Hydro turbine 8. Other (please specify) Fuel Types 1. Natural Gas 2. Landfill Methane 3. Digester Methane 4. Diesel 5. Other (please specify) 6. Not Applicable				
Generator No. 3 (Use additional sheets if necessary	ary)			
A. Equipment Description				
Manufacturer	Model			
Gross Nameplate Rating (kW)	Net Nameplate Rating (kW)			
B. Operational Date				
Actual (already in operation)	Estimated			
C. Prime Mover Type	D. Fuel Type			
Select from list below.	Select from list below.			
Prime Mover Types 1. Internal combustion reciprocating engine 2. Gas micro-turbine 3. Gas turbine 4. Photovoltaic (Solar) 5. Fuel Cell 6. Wind turbine 7. Hydro turbine 8. Other (please specify)	Fuel Types 1. Natural Gas 2. Landfill Methane 3. Digester Methane 4. Diesel 5. Other (please specify) 6. Not Applicable			

Part 4 – Additional Loads Please initial the condition that a

Please initial the condition that applies.							
The Generating Facility will not supply electric energy to individuals or entities other than the Customer identified in this Application.							
	The Generating Facility will supply electric energy to third party loads (individuals or entities other than the Customer identified in this Application).						
Customer is not the owner or or knowledge of energy deliveries of			acility and	d has no			
Third-party Loads Served by the Generating Party A	Faci	lity					
raity A							
Name shown on Utility electric bill NOTE: Submit a copy o		etric Service Account No. A's electric service bill.	Meter	Number			
Service Address shown on electric bill Party B		City	State	Zip			
гану в							
Name shown on Utility electric bill NOTE: Submit a copy o		ctric Service Account No.	Meter	Number			
Service Address shown on electric bill		City	State	Zip			
Party C							
Name shown on Utility electric bill NOTE: Submit a copy o		ctric Service Account No. C's electric service bill.	Meter	Number			
Service Address shown on electric bill		City	State	7in			

Part 5 - Applicability of Qualifying Criteria

Criteria applicable to Schedule X-XXX

Indicate if the Generating Facility meets any of the following criteria. Provide individual responses for each Generator, if applicable.	Generator No.	Indicate all criteria that apply *	Provisionally Approved (FOR UTILITY USE ONLY)
The Generating Facility will be under 1 MW in size and eligible for financial incentives from either the CPUC's self-generation incentive program (SGIP) or a CEC incentive program.	1.		
 Provide a copy of the application for SGIP incentive funds and the "Reservation Confirmation Incentive Claim Form" sent to you by the Utility. 			
 Provide a copy of the incentive documentation you sent to the CEC. 			
 Other proof to be determined by the CPUC. NOTE: The Utilities do NOT have a mechanism to evaluate SGIP eligibility unless the SGIP or CEC Program Administrators determine eligibility. This can be 			
accomplished through existing programs / processes. 2. The Generating Facility will be operated under the Utility's "Net Energy Metering" tariff.	2.		
 Provide a copy of the application for interconnection and service under Schedule X_XXX that was sent to you by the Utility. 			
The Generating Facility will be operated under the Utility's "Biogas Net Energy Metering" tariff.			
 Provide a copy of the application for interconnection and service under Schedule X_XXX that was sent to you by the Utility. 			
The Generating Facility will meet the requirements for an Ultra-Clean and Low-Emissions facility as defined in Public Utilities Code Section 353.2.			
Complete and provide Section 353.2 DWR Power Exemption Affidavit (Part 6).	3.		
5. The Generating Facility will be operated in a "Combined Heat and Power Application," meeting the efficiency requirements for "Cogeneration" of Section 218.5 of the Public Utilities Code.			
 Complete and provide Section 372 Competition Transition Charge (CTC) Exemption Affidavit (Part 7). 			
 The Generating Facility will serve a campus of the University of California or California State University systems. 			

^{*}Note: This Generating Facility may be monitored for ongoing compliance. If conditions change and this Generating Facility no longer qualifies for one or more CRS exemptions, the CEC and Utility must be informed immediately.

Part 6 – Affidavit in Support of Claim of DWR Power Charge Exemption Under Public Utilities Code Section 353.2

This affidavit documents assertions by ("Customer") that the Generating Facility qualifies for an exemption from the Department of Water Resources (DWR) Power Charge pursuant to Decision 03-04-030 as authorized by Public Utilities Code Section 353.2. Customer understands that the information provided below has a direct and material bearing on meeting legal requirements for the DWR Power Charge exemption. Customer agrees to inform the Utility at the address specified below within 30 days should any of the information contained herein become outdated or inaccurate at any time during the Generating Facility's operation.
Exemption Qualifications (initial all that apply)
The Generating Facility has been certified by the California Air Resources Board (CARB) as "Ultra Clean and Low Emissions" (PUC Section 353.2). CARB certification documentation is attached.
The Customer owns and/or operates a Generating Facility that commenced initial operation between January 1, 2003 and December 31, 2005.
The Generating Facility, described in more detail in Part 3 of this Application, produces zero emissions during its operation.
The Generating Facility, described in more detail in Part 3 of this Application, produces emissions during its operation that are equal to or less than the 2007 CARB emission limits for distributed generation, except that technologies operating by combustion must operate in a combined heat and power application with a 60-percent system efficiency on a higher heating value. Calculation of generation efficiency is provided below.
The Generating Facility has no means of rejecting waste heat and recovers all unit thermal output for useful purposes.
The Generating Facility has the ability to reject heat via(describe equipment).
Operational efficiency will be verified by measuring heat discharged with no useful purpose and subtracting this amount from unit thermal output. Rejected heat will be measured by: hour meter on heat exchange unit; Btu meter; or (other).
Heat recovered for useful purposes will be directly measured by a Rtu meter

Part 6 – Affidavit in Support of Claim of DWR Power Charge Exemption Under Public Utilities Code Section 353.2 (continued)

Calculations

Use calculation format below or attach separate calculations concerning expected calendar year operations. Calculations must be consistent with Public Utilities Code Section 353.2.

	Total Generating Facility Annual Operation [AO]	hr/yr		
	Total Generating Facility Useful thermal Annual Operation [AT]	BTU/yr		
	Gross Generating Facility Nameplate: - Parasitic Losses:	kW		
	= Net Generating Facility	kW		
	x 3413 Btu /	hr / kW		
	= Net Electric Output	Btu/hr		
	x [AO]			
	= Total Net Electric Output [TNEO]	Btu/yr		
	Generating Facility Thermal Output - Adj. For Wasted Thermal	Btu/hr Btu/hr		
	= Net Useful Thermal	Btu/hr		
	x [AO]			
	= Total Net Useful Thermal [TNUT]	Btu/yr		
	Fuel Input [HHV]	Btu/hr		
	x [AO]	Distan		
	= Total Fuel Input [TFI]	Btu/yr		
	(TNEO) + (TNUT (TFI)) x 100%	= ≥ 60%	
This ca	alculation prepared by			(name),
	(Company),	·	(telephone), on	(date).
Utility	Notification Address			
All cha	inges to matters covered by this decla	aration must be commu	nicated in writing to:	
	Name Address Address Address			

Part 7 – Affidavit in Support of Claim of Competition Transition Charge Exemption Under Public Utilities Code Section 372

This affidavit documents assertions by ("Customer") that the Generating Facility qualifies for an exemption from the Competition Transition Charge ("CTC") as authorized by Public Utilities Code Section 372. Customer understands that the information provided below has a direct and material bearing on meeting legal requirements for the CTC exemption as set forth in Sections 218, 218.5, and 372 of the Public Utilities Code. Customer agrees to inform the Utility at the address specified below within 30 days should any of the information contained herein become outdated or inaccurate at any time during the Generating Facility's operation.				
Exemption Qualifications (initial all that apply)				
The Generating Facility, described in more detail in Part 3 of this Application, is a Qualified Facility.				
The Customer owns and/or operates the Generating Facility.				
The Generating Facility, described in more detail in Part 3 of this Application, meets Cogeneration efficiency standards as required under Public Utilities Code Section 218.5. Calculation of Cogeneration efficiency is provided below.				
The Generating Facility is / will be operated on the same parcel of land on which the electric and thermal loads it delivers energy to are located.				
Delivery of electric energy to all load is / will be consistent with the requirements set forth in Public Utilities Code Section 218 for exclusion of the Generating Facility from being defined as an "electric corporation."				
The Generating Facility is non-mobile.				
Calculations				
Use the calculation format below or attach separate calculations concerning expected calendar year operations. Both calculations must be consistent with Public Utilities Code Section 218.5 and both calculations must be met to qualify for this exemption.				
Electric Output (Btu) + ½ Useful Thermal Output (Btu) x 100% ≥ 42.5% Fuel Input (Btu)				
Useful Thermal Output (Btu) x 100% ≥ 5%				
Useful Thermal Output (Btu) + Net Electric Output (Btu)				

Part 7 – Affidavit in Support of Claim of Competition Transition Charge Exemption Under Public Utilities Code Section 372 (continued)

Total Generating Facility Annual Operation [AO]	hr/yr
Total Generating Facility Useful thermal Annual Operation [AT]	Btu/yr
Gross Generating Facility Nameplate: - Parasitic Losses:	kW
= Net Generating Facility	kW
x 3413 Btu / hr	· / kW
= Net Electric Output	Btu/hr
x [AO]	
= Total Net Electric Output [TNEO]	Btu/yr
Generating Facility Thermal Output - Adj. For Wasted Thermal	Btu/hr Btu/hr
= Net Useful Thermal	Btu/hr
x [AO]	
= Total Net Useful Thermal [TNUT]	Btu/hr
Fuel Input [HHV]	Btu/hr
x [AO]	
= Total Fuel Input [TFI]	Btu/yr
TNEO) + ½ (TNUT (TFI)) x 100% = ≥ 42.5 %
(TFI)	
(TNUT) X 100% (TNUT) + (TNEO	= ≥ 5 %

Part 7 – Affidavit in Support of Claim of Competition Transition Charge Exemption Under Public Utilities Code Section 372 (continued)

These calculations prepared by _			(name),
	(Company),	(telephone), on	(date).
Utility Notification Address			
All changes to matters covered by	y this declaration must be c	ommunicated in writing to:	
	Name		
-	Address		
•	Address		
<i>H</i>	Address		
I,	declare unde	r penalty of perjury that all th	he
information provided above an knowledge.	d in this Application are t	true and correct to the best	of my
	(Signatu	,	(Date) Place)

Part 8 - Provisional Categorization (FOR UTILITY USE ONLY)

Facility Name:	Date Received:	Utility Reference Number:
The following conditions must be met to reco	eive Final Categoriza	ation for the Generating

EXEMPTION INFORMATION

The Generating Facility will be exempt from the following nonbypassable charges.

Billing Component	Qualifies for Exemption?	Reason(s)	Notes
DWR Bond			
DWR Power			
HPC (SCE only)			
Tail CTC			
NDC			
PPPC			
TTA (FTAC)			

The Generating Facility may be eligible for exemption from Standby charges if it qualifies as a Distributed Energy Resource (PUC 353.1) or Ultra-Clean and Low-Emissions Distributed Generation (PUC 353.2):

Billing Component	Qualifies for Exemption?	Reason(s)	Notes
Standby			
Other			

Exemption Reasons: 353.1, 353.2, 372, NEM(2827.7, 2827.9), Other Solar, SGIP/CEC Incentives

Note: This Generating Facility may be monitored for ongoing compliance. If conditions change and this Generating Facility no longer qualifies for one or more CRS exemptions, the CEC and Utility must be informed immediately.

ATTACHMENT I – Glossary

Note: The following is intended as a pand CPUC Decisions.	olaceholder. Final o	descriptions will be governed by the CEC, PUC Code,	
Capacity Factor	A measure of the degree to which the capacity of a generating unit is being used during a designated period of time, expressed as a percentage (%).		
	capacity factor =	annual kWh generated nameplate rating (kW) X 8760 hours (24 hrs. X 365 days = 8760 hours)	
Cogeneration	Consecutive generation of thermal and electrical or mechanical energy. Cogeneration is a process that reuses thermal energy by coupling a thermal industrial process with thermal generation. There are also certain CPUC requirements, pursuant to PUC 218.5, that must be met in order to qualify for cogeneration Tariff Exemptions.		
CPUC	California Public U Commission".	Itilities Commission, sometimes referred to as "the	
СТС	generation related	sition Charge. Generally, those costs that cover PG&E's infrastructure investments and power purchases (QF) not competitive after restructuring.	
Departed Load	Discontinued or Electricity suppled PG&E purchases;	reduced purchases of electricity supply from PG&E ied and delivered by sources other than PG&E to replace such ally located at the same location or within PG&E's service area	
DG	DG is electric gen and distribution gr	ation, as defined by the California Energy Commission (CEC): eration connected to the distribution level of the transmission id usually located at or near the intended place of use. Also JC's Distributed Generation Proceeding, D.99-10-025.	
DL	another distributio	customer that switches and/or replaces all or part of its load to n source such as self-generation, cogeneration, an irrigation ality. (Elect. Preliminary Statement BB.)	
DWR	California Departn through the CDWI the Utilities' net-sh during the energy incurred by the CI Settlement Agreer cost responsibility units to serve eithe PG&E is mandate these charges or	nent of Water Resources. On January 17,2001, the State, R, assumed the responsibility for power procurement to meet out electricity requirements. The costs of the power purchased crises, along with the costs of forward purchase obligations DWR, must now be recovered. On October 15, 2002, a ment was filed that deals with almost all the issues regarding for DL customers whose load is displaced by installation of DG er on-site or qualifying over-the fence loads. (R.02-01-011). Ed by the California Legislature and the CPUC to collect a behalf of the CDWR. These charges consist of two major the DWR Bond charge and the DWR Power Charge.	
DWR Bond Charge	bundled ratepayer <u>estimated</u> dollars	nented by the CPUC to recover past DWR costs from Utility s "Bond Related Costs" as defined in Decision 02-02-051. The per kWh = \$0.004 to \$0.006.	
DWR Power Charge	The charge implemented by the Commission to recover from the Utility bundled ratepayers CDWR's current, going forward costs. The <u>estimated</u> dollars per kWh of \$0.00 if exempted within the annual 250 MW statewide cap, or up to \$0.04 if not exempted.		

Exemptions from CTCs	When used in reference to departed load, that portion of customer load served through a direct transaction that does not require the use of PG&E's transmission or distribution facilities. Any party claiming an exemption from transition charges (CTCs) under this provision shall demonstrate through a physical test, the ability to start and fully operate on an ongoing basis without the use or requirement of PG&E's T&D system (black start).	
FERC	Federal Energy Regulatory Commission, which has jurisdiction over Wholesale Generation or "Sale-for-resale".	
Final Categorizaion	Once all conditions are met for the Generating Facility, the Utility grants applicable exemptions, subject to ongoing compliance.	
Interconnection; (Interconnected)	Connection to and parallel operation with the PG&E distribution system for 60 cycles or more.	
NBC	Nonbypassable Charges sometimes referred to by customers as, "exit fees".	
NDC	Nuclear Decommissioning. Charge - Nuclear decommissioning costs for PG&E's nuclear power plants.	
Net Generation Metering	The metering of the net electrical energy output in kW and kWh from a given Generating Facility. This may also be the measurement of the difference between the total electrical energy produced by a Generating Unit and the electrical energy consumed by the auxiliary equipment necessary to operate the Generating Unit, also referred to as the station or parasitic load.	
NOD	Notice of Departure. Notification to PG&E of the customer's intention to take steps that will make their load Departing Load, and must be received by PG&E at least 30 days in advance of discontinuation or reduction of electric service from PG&E. (Preliminary Stmt, BB.4.a.)	
OTF	Over the Fence. Per CPUC 218(b)(2): The use and sale of electric service by a non-utility generator to an immediately adjacent neighbor.	
Peak Shaving	A generating unit within a plant or facility, operated to meet maximum (peak) demand. In most cases, the highest rate costs are associated with usage during the peak periods of between 12 noon and 6 pm, Monday through Friday. Peak shaving is the use of self-gen or cogeneration to offset peak cost.	
PPP	Public Purpose Program. These charges cover the cost of customer energy efficiency programs, low income programs and California Energy Commission renewable energy development programs (SGIP).	
Provisional Categorization	The first step in determining whether or not a Generating Facility appears to qualify for certain exemptions. Once the Utility grants Provisional Categorization, the CEC reserves space within the MW Cap, if available.	
Rule 21	Rule describing the interconnection, operating and metering requirements for Generating Facilities intending to connect to PG&E's distribution system, under CPUC jurisdiction.	
Section 218.5	PUC Section 218.5 defines "cogeneration", and sets the standard as:(a) At least 5 percent of the facility's annual energy output shall be in the form of useful thermal energy (b) Where useful thermal energy follows power production, the useful annual power output plus one-half the useful annual thermal energy output equals not less than 42.5 percent of any natural gas or oil energy input.	

Self-Generation	A generating facility used to meet the customer's own electric energy demand, either partially or in whole.	
SGIP	Self-Generation Incentive Program. CPUC Program intented to provides financial incentive s for the installation of new, qualifying self-generation equipment installed to meet all or a portion of electrical needs of a facility. The program is divided into 3 levels of renewable and non-renewable technologies, the maximum system size being set at 1 MW. All self-generation systems are required to "Interconnect" under Rule 21.	
Standby Service	Electric service provided by PG&E to customers who normally generate their own electricity, or obtain their electricity over non-PG&E owned wires from a non-PG&E generator, but need back-up power for scheduled maintenance or for times when the customer's on-site load exceeds the generation source capacity. The NBCs are included within the Standby Rate Schedule.	
T&D	Transmission and distribution facilities.	
Telemetering	The electrical or electronic transmittal of metering data on a real-time basis. If the nameplate rating of a Generating Facility is 1 MW or greater, telemetering equipment at the Net Generator Metering location may be required at the Producer's expense to allow visibility for both PG&E and CALISO for monitoring the real-time generation of a generating facility.	
TTA	Trust Transfer Amount. The financing costs of the 10% rate reduction bond for residential and small commercial (20 kW or less) customers.	